

### 1. Product and Company Identification

**Product Code:** 1070  
**Product Name:** Oil & Grease Emulsifier  
**Company Name:** Sunbelt Laboratories  
P.O. BOX 1563  
Stafford, TX 77497  
**Phone Number:** (281)261-4747  
**Web site address:** www.sunbelt-labs.com  
**Emergency Contact:** CHEM-TEL (800)255-3924

### 2. Hazards Identification

#### Eye Irritation, Category 2A



**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:** Causes serious eye irritation.  
Suspected of causing cancer .

**GHS Precautionary Phrases:** Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wash hands thoroughly after handling.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical attention/advice.  
If skin irritation occurs, get medical advice/attention.  
If eye irritation persists, get medical advice/attention.

**GHS Storage and Disposal Phrases:** Store locked up.  
Dispose of contents/container to ...

**OSHA Regulatory Status:** This material is classified as hazardous under OSHA regulations.

**Potential Health Effects (Acute and Chronic):** The toxicological properties of this material have not been fully investigated.  
  
Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.  
  
May cause liver and kidney damage. Sophisticated modeling has clearly proven that 2-butoxyethanol does not build up in the body under any kinds of normal use.

**Inhalation:** No hazard expected in normal industrial use. May cause respiratory tract irritation. May cause lung damage. May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. The toxicological properties of this substance have not been fully investigated.

**Skin Contact:** Harmful if absorbed through the skin. Substance is rapidly absorbed through the skin. Causes symptoms similar to those of inhalation. Skin sensitization testing with human volunteers produced negative results. May cause skin irritation.

**Eye Contact:** Causes eye irritation. Causes redness and pain. Causes eye burns.

**Ingestion:** No hazard expected in normal industrial use. Harmful if swallowed. May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
111-76-2	Ethanol, 2-Butoxy-	1.0 -5.0 %	
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	1.0 -5.0 %	
68025-51-4	Phosphate ester	0.3 -3.0 %	
127087-87-0	Ethoxylated Nonylphenol	3.0 -8.0 %	
18662-53-8	Nitilotriacetic acid, Trisodium salt monohydrate	0.3 -3.0 %	

### 4. First Aid Measures

**Emergency and First Aid**
**Procedures:**

**In Case of Inhalation:** If breathed in, move person into fresh air. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

**In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Take off contaminated clothing and shoes immediately. Consult a physician.

**In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**In Case of Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Signs and Symptoms Of Exposure:** burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.

**Note to Physician:** Treat symptomatically and supportively. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

### 5. Fire Fighting Measures

**Flash Pt:** NE

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** NE

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use agent most appropriate to extinguish fire.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. Wear self contained breathing apparatus for fire fighting if necessary.

Further information:

The product itself does not burn. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution.

**Flammable Properties and Hazards:** No data available.

**Hazardous Combustion Products:** Carbon monoxide, Carbon dioxide.

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Remove all sources of ignition. Use a spark-proof tool. Do not let this chemical enter the environment. Personal precautions.

Environmental precautions.  
Do not let product enter drains.

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Clean up spills immediately, observing precautions in the Protective Equipment section. Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame. Do not ingest or inhale.

**Precautions To Be Taken in Storing:** Keep away from sources of ignition. Store in a cool, dry place. Keep container tightly closed in a dry and well-ventilated place.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No data.	No data.	No data.
68025-51-4	Phosphate ester	No data.	No data.	No data.
127087-87-0	Ethoxylated Nonylphenol	No data.	No data.	No data.
18662-53-8	Nitrioltriacetic acid, Trisodium salt monohydrate	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** For personal protection see section 8.

**Eye Protection:** Eye protection is not normally required.

**Protective Gloves:** Protective garments not normally required. Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:** Protective garments not normally required.

**Engineering Controls (Ventilation etc.):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.



# SAFETY DATA SHEET

## Oil & Grease Emulsifier

### 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas	[ X ] Liquid	[ ] Solid
<b>Appearance and Odor:</b>	Red. butyl-like.		
<b>pH:</b>	12.8		
<b>Melting Point:</b>	NE		
<b>Boiling Point:</b>	> 212.00 F (100.0 C)		
<b>Flash Pt:</b>	NE		
<b>Evaporation Rate:</b>	Not established		
<b>Flammability (solid, gas):</b>	No data available.		
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	Not established		
<b>Vapor Density (vs. Air = 1):</b>	Not established		
<b>Specific Gravity (Water = 1):</b>	1.07 at 77.0 F (25.0 C)		
<b>Solubility in Water:</b>	Complete		
<b>Octanol/Water Partition Coefficient:</b>	No data.		
<b>Percent Volatile:</b>	84.0 % by volume.		
<b>Autoignition Pt:</b>	NE		
<b>Decomposition Temperature:</b>	No data.		
<b>Viscosity:</b>	No data.		

### 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ]	Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	Incompatible materials, ignition sources, Strong oxidants.	
<b>Incompatibility - Materials To Avoid:</b>	Strong oxidizing agents, Aluminum, Lead. Tin/tin oxides, Zinc.	
<b>Hazardous Decomposition or Byproducts:</b>	Carbon monoxide, formed under fire conditions. Sodium oxides, silicon oxides, Strong oxidants, irritating and toxic fumes and gases.	
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ]	Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	Product will not undergo polymerization.	

### 11. Toxicological Information

**Toxicological Information:** Epidemiology: No data available.  
 Teratogenicity: No data available.  
 Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: No information found.  
 No information available.

**Irritation or Corrosion:** Skin - rabbit - Severe skin irritation - -24 h.

**Carcinogenicity/Other Information:** CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans. California: Not listed. NTP: Not listed. IARC: Not listed. Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 7785-70-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	n.a.	n.a.
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	n.a.	n.a.	n.a.	n.a.
68025-51-4	Phosphate ester	n.a.	n.a.	n.a.	n.a.
127087-87-0	Ethoxylated Nonylphenol	n.a.	n.a.	n.a.	n.a.
18662-53-8	Nitilotriacetic acid, Trisodium salt monohydrate	Possible	2B	n.a.	n.a.

### 12. Ecological Information

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** RCRA P-Series: None listed.  
 RCRA U-Series: None listed. Product:  
 Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging:  
 Dispose of as unused product.

### 14. Transport Information



# SAFETY DATA SHEET

## Oil & Grease Emulsifier

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not regulated as a hazardous material. NOT REGULATED FOR DOMESTIC TRANSPORT. DOT regulated - small quantity provisions apply (see 49CFR173.4)

**DOT Hazard Class:**

**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** No information available. Not Regulated.

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No	No	No
68025-51-4	Phosphate ester	No	No	No
127087-87-0	Ethoxylated Nonylphenol	No	No	No
18662-53-8	Nitritotriacetic acid, Trisodium salt monohydrate	No	No	No

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

Yes  No Explosive

Yes  No Flammable (gases, aerosols, liquid, or solid)

Yes  No Oxidizer (liquid, solid or gas)

Yes  No Self-reactive

Yes  No Pyrophoric (liquid or solid)

Yes  No Pyrophoric gas

Yes  No Self-heating

Yes  No Organic peroxide

Yes  No Corrosive to metal

Yes  No Gas under pressure (compressed gas)

Yes  No In contact with water emits flammable gas

Yes  No Combustible Dust

Yes  No (Physical) Hazard Not Otherwise Classified (HNOC)

Yes  No Acute toxicity (any route of exposure)

Yes  No Skin Corrosion or Irritation

Yes  No Serious eye damage or eye irritation

Yes  No Respiratory or Skin Sensitization

Yes  No Germ cell mutagenicity

Yes  No Carcinogenicity

Yes  No Reproductive toxicity

Yes  No Specific target organ toxicity (single or repeated exposure)

Yes  No Aspiration Hazard

Yes  No Simple Asphyxiant

Yes  No (Health) Hazard Not Otherwise Classified (HNOC)

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
111-76-2	Ethanol, 2-Butoxy-	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
68025-51-4	Phosphate ester	CAA HAP,ODC: No

		CWA NPDES: No TSCA: Yes - Inventory CA PROP.65: No
127087-87-0	Ethoxylated Nonylphenol	CAA HAP,ODC: No CWA NPDES: No TSCA: Yes - Inventory, 8A PAIR CA PROP.65: No
18662-53-8	Nitilotriacetic acid, Trisodium salt monohydrate	CAA HAP,ODC: No CWA NPDES: No TSCA: No CA PROP.65: Yes: Canc.

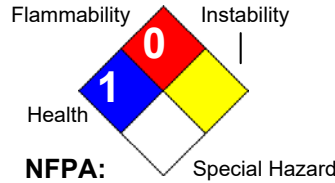
### 16. Other Information

**Revision Date:** 12/14/2023

**Hazard Rating System:**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	0
<b>PHYSICAL</b>	0
<b>PPE</b>	

**HMIS:**



**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:**

**DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate. There is no assumption of liability for accuracy contained within this information. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.